

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	"3424957"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/14 16:32
S2	2	S1 and solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/14 16:33
S3	4	S1 and solder\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/14 16:34
S4	13	"1425633"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/14 17:32
S5	4	("1425633"   "2550748"). URPN.	USPAT	ADJ	ON	2008/10/14 17:33
S6	69	solder\$3 near1 pot same2 (spring or bias\$3)	USPAT	ADJ	ON	2008/10/14 17:33
S7	239	solder\$3 near (tip or iron) same (spring or compression or bias\$3)	USPAT	ADJ	ON	2008/10/14 17:48
S8	9	S7 and (pot)	USPAT	ADJ	ON	2008/10/14 17:48
S9	1065	solder\$3 near (tip or iron) same (spring or compression or bias\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/14 17:49
S10	9	S9 and (pot)	USPAT	ADJ	ON	2008/10/14 17:49

S11	43	S9 and (pot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/14 17:49
S12	277	(126/413).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/14 18:10
S13	147	(126/240).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/14 18:10
S14	4	(Milwertz).inv. and (solder\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 08:27
S15	38	solder with pot same3 (tin with zinc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 08:45
S16	268	solder same (tin with zinc) same ("%")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 09:04
S17	159	solder same (tin with zinc) with ("%")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 09:04
S18	2	EP-1112803-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 09:07
S19	174	solder pot with temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 09:11
S20	24	solder pot same temperature with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 09:18

S21	24	solder near1 pot same temperature with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 09:51
S22	27	solder near2 pot same temperature with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:35
S23	29	solder\$3 near2 pot same temperature with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:35
S24	5	S23 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:35
S25	36	solder\$3 pot same2 temperature with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:36
S26	174	solder\$3 bath same2 temperature with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:39
S27	105	solder\$3 bath same temperature with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:39
S28	2016	(capacitor) same2 (dielectric same electrode) with aluminum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:49
S29	138	(capacitor) same2 (dielectric same electrode) with aluminum same (polymer\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 10:50

S30	31	("4910645"   "5461537"   "5914852"   "6191013").PN OR ("6375688").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/10/15 10:52
S31	222	solder\$3 near (tip or iron) with rotat\$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 15:47
S32	0	("2001/0045444").URPN.	USPAT	ADJ	ON	2008/10/15 15:49
S33	6	("3887904"   "3917147"   "4678886"   "4805830"   "4851614"   "5525777").PN OR ("6471109").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/10/15 15:49
S34	23	solder\$3 near (tip or iron) with (spin\$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 16:18
S35	709	solder\$3 near (tip or iron) same (spin\$4 or rotat\$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 16:26
S36	891	solder\$3 near (tip or iron or head) same (spin\$4 or rotat \$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 16:35
S37	205	solder\$3 near (head) same (spin\$4 or rotat\$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 16:35
S38	17650	(coater or spreader) same (rotat\$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 16:59
S39	9257	(coater or spreader) with (rotat\$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 16:59

S40	103	S39 and solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 16:59
S41	3558	(coater) with (rotat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 17:02
S42	171	(coater) with (head or tip) with (rotat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 17:03
S43	84762	(rotat\$4) with (brush)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 17:08
S44	3188	rotatable brush	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 17:09
S45	3	rotatable brush with bond\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/15 17:09
S46	1064	(118/730).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/15 17:13
S47	2	("2774321").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/16 14:52
S48	1	("20060243777").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/16 14:53
S49	35	("20020163105"   "20040022162"   "20050136238"   "20050136772"   "3765047"   "3948678"   "3990623"   "4118821"   "4394785"   "4625355"   "4662022"   "4803748"   "6503615"   "6604255"   "6608118").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/16 14:55

S50	153	(rotat\$3 or spin\$4) with (solder\$3 near (head or tip))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/16 14:56
S51	646	(228/262.5,51,56.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/22 10:38
S52	22	(electric\$4 near capacitor or power near capacitor or dielectric\$4) same (pre \$1solder\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/28 17:02
S53	57	(electric\$4 near capacitor or power near capacitor or dielectric\$4) same2 (pre \$1solder\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/28 17:03
S54	35	S53 not S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/28 17:03
S55	1286	(electric\$4 near capacitor or power near capacitor or dielectric\$4) same (solder\$3) with (multiple or plurality or plural or two or few) with (coat\$4 or layer\$4 or film\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/28 17:06
S56	222	(electric\$4 near capacitor or power near capacitor or dielectric\$4) same (solder\$3) with (multiple or plurality or plural or two or few) with (coat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/28 17:06
S57	3	(US-4320437-\$).did. or (US-3271642-\$ or US-3259816-\$).did.	USPAT; USOCR	ADJ	ON	2009/07/28 17:13
S58	33	("2528596"   "2590650"   "2597429"   "3047782"   "3090895"   "3511680"   "3558803"   "3665269"   "3857073"   "3911384").PN. OR ("3259816"   "3271642"   "4320437").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:13
S59	27	S58 and (multiple or two or few or plural\$4 or multi\$4 or second)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:14
S60	3	S58 and (solder\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:19

S61	160	("2740732"   "2749490"   "3202892"   "3271642"   "3334002"   "3654532"   "3855507"   "3993811"   "4190878"   "4215385"   "4229777"   "4305111"   "4320437"   "4449163"   "4490774"   "4499520"   "4513349"   "4515931"   "4533710"   "4584628"   "4586111"   "4613518"   "4618911"   "4647818"   "4682565"   "4696719"   "4722515"   "4728701"   "4842893"   "4919985"   "4954371"   "5018048"   "5021298"   "5032461"   "5097800"   "5280084").PN. OR ("2597429"   "5019418"   "5440446").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:19
S62	26	S61 and solder\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:20
S63	1811	(capacitor or dielectric) near2 (roll)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:25
S64	268	S63 and (solder\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:25
S65	92	S64 and (multi\$4 or multiple or plural or plurality or two or second or double) near1 (layer \$3 or coat\$3 or film\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:26
S66	22	S63 and ((solder\$3) same (multi\$4 or multiple or plural or plurality or two or second or double) near1 (layer\$3 or coat\$3 or film\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:27
S67	83	pre\$1solder\$3 with (benefit\$4 or improv\$4 or prevent\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:37
S68	0	pre\$1solder\$3 same (jelly near roll or capacitor roll or dielectric roll)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:45
S69	0	pre\$1solder\$3 same (jelly near2 roll or capacitor near2 roll or dielectric near2 roll)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:45
S70	2	pre\$1solder\$3 same (capacitor element or dielectric element or jelly near2 roll or capacitor near2 roll or dielectric near2 roll)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:46
S71	726	pre\$1solder\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:49
S72	29031	(capacitor or dielectric or jelly) near (element or roll)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:49

S73	1486	S72 same (solder\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:49
S74	810	S73 same (multiple or multi or plural or plurality or second or first or two)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:50
S75	324	S73 same (multiple or multi or plural or plurality or second or first or two) with (solder \$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 17:50
S76	447	(solder\$3) near2 (iron) same (automatic\$4 or automat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/03 14:59
S77	651	(solder\$3) near2 (iron) same (automatic\$4 or automat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 14:59
S78	345	(solder\$3) near2 (iron) with (automatic\$4 or automat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 14:59
S79	2	"20010045444"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:33
S80	0	("2001/0045444").URFN.	USPAT	ADJ	ON	2009/12/03 17:33
S81	2	(solder\$3 near1 iron) same robot\$4 same pot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:35
S82	5	(solder\$3 near1 iron) with (automatic\$4) same pot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:36
S83	10	(solder\$3 near1 iron) same (automatic\$4) same pot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:38



S84	12	(solder\$3 near1 iron) same (automatic\$4 or robot\$4) same pot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:40
S85	21	(solder\$3 near1 iron) same (automatic\$4 or robot\$4) same2 pot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:40
S86	26	(solder\$3 near1 iron) same (automatic\$4 or robot\$4) and pot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:41
S87	27	(solder\$3 near2 iron) same (automatic\$4 or robot\$4) and pot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:47
S88	306	(228/51).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/03 17:49
S89	100	S88 and (automatic\$4 or robot \$4 or machin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/03 17:49
S90	3	("3887904"   "4678886"   "4851614").PN. OR ("6290118").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/03 17:51
S91	4	("4678886").URPN.	USPAT	ADJ	ON	2009/12/03 17:58
S92	6	("3887904"   "3917147"   "4678886"   "4805830"   "4851614"   "5525777").PN. OR ("6471109").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/03 17:59
S93	3573	(solder\$3 near2 iron) same (automat\$4 or robot\$3 or machin\$3 or computer\$3 or mechan\$4 or electric or electronic\$3 or motoriz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/07 11:03
S94	134	S93 and (pot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/07 11:03

S95	30	("2891308"   "2953290"   "3298666"   "3437252"   "3652819"   "3887904"   "3917147"   "4678886"   "4805830"   "4851614"   "5525777").PN. OR ("3797725"   "4678886"   "6471109").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 11:20
S96	2	S95 and pot	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 11:23
S97	147	(126/240).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 11:25
S98	1	("4595816").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 11:41
S99	139	(solder\$3 near2 (iron)) and (solder\$3 near3 (pot or container)) and (automat\$4 or robot\$4 or machin\$4 or electronic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/07 11:54
S100	1	(solder\$3 near2 (iron)) and (pre-tin\$4 near3 (pot or container)) and (automat\$4 or robot\$4 or machin\$4 or electronic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/07 12:13
S101	47	(solder\$3 near2 (iron)) and (pre-tin\$4 ) and (automat\$4 or robot\$4 or machin\$4 or electronic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/07 12:13
S102	27	(solder\$3 near2 (iron)) same (pre-tin\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/07 12:19
S103	35	(solder\$3 near2 (iron)) same (pre\$1tin\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/07 12:19

## EAST Search History (Interference)

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